

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
 Data File : BF131656.D
 Acq On : 15 Dec 2022 18:57
 Operator : CG\JU
 Sample : N6038-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RB-33-(2-4)

Quant Time: Dec 16 01:54:13 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 16 01:44:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

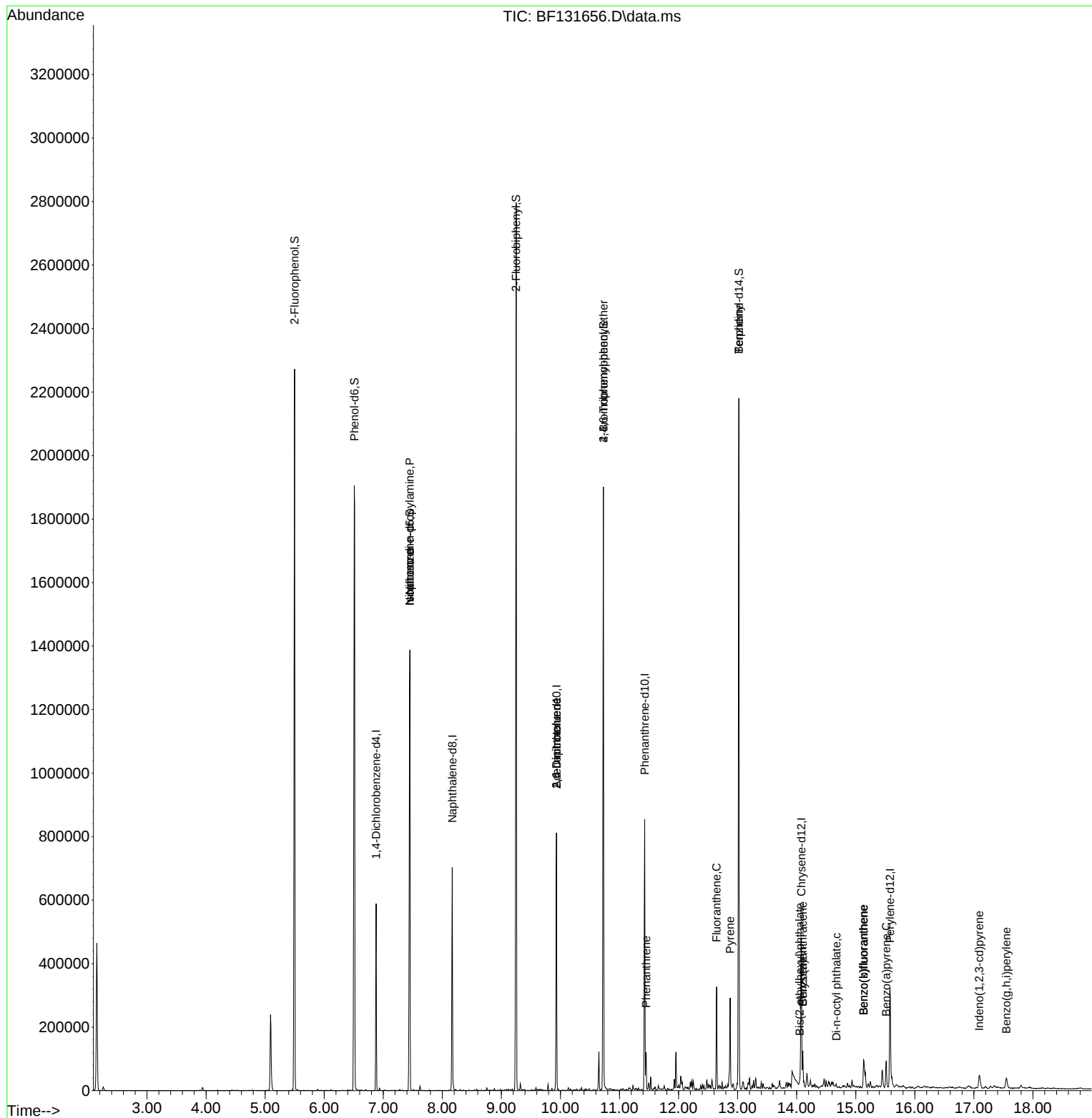
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	72168	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	260540	20.000	ng	0.00
39) Acenaphthene-d10	9.933	164	150755	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	288336	20.000	ng	0.00
76) Chrysene-d12	14.080	240	139686	20.000	ng	# 0.00
86) Perylene-d12	15.580	264	151625	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	547594	126.586	ng	0.00
7) Phenol-d6	6.510	99	713843	125.926	ng	0.00
23) Nitrobenzene-d5	7.451	82	497684	72.219	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	194270	115.987	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	777098	64.994	ng	0.00
79) Terphenyl-d14	13.021	244	712831	69.984	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	70069	16.484	ng	# 73
25) Isophorone	7.451	82	497677	44.835	ng	# 69
51) 2,6-Dinitrotoluene	9.933	165	19457	8.201	ng	# 10
57) 2,4-Dinitrotoluene	9.933	165	19457	6.182	ng	# 16
67) 4-Bromophenyl-phenylether	10.727	248	12855	3.466	ng	# 1
71) Phenanthrene	11.451	178	38937	2.423	ng	97
75) Fluoranthene	12.645	202	119639	7.229	ng	99
77) Benzidine	13.021	184	11262	3.009	ng	# 93
78) Pyrene	12.874	202	112109	8.139	ng	98
81) Benzo(a)anthracene	14.104	228	42203	4.184	ng	97
83) Chrysene	14.104	228	42203	4.401	ng	97
84) Bis(2-ethylhexyl)phtha...	14.051	149	2714	3.500	ng	# 96
85) Di-n-octyl phthalate	14.674	149	255	5.244	ng	# 74
87) Indeno(1,2,3-cd)pyrene	17.092	276	29313	2.369	ng	97
88) Benzo(b)fluoranthene	15.133	252	71619	7.167	ng	98
89) Benzo(k)fluoranthene	15.133	252	71619	6.866	ng	# 98
90) Benzo(a)pyrene	15.515	252	39131	4.588	ng	# 96
92) Benzo(g,h,i)perylene	17.550	276	30352	2.965	ng	96

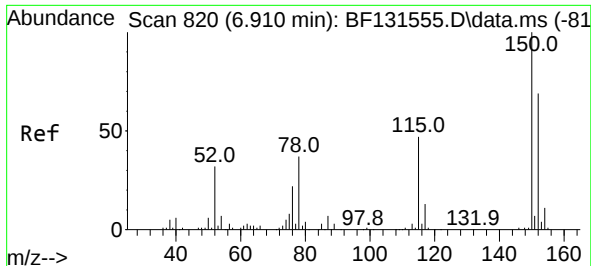
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121522\
Data File : BF131656.D
Acq On : 15 Dec 2022 18:57
Operator : CG\JU
Sample : N6038-09
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

Quant Time: Dec 16 01:54:13 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 16 01:44:46 2022
Response via : Initial Calibration

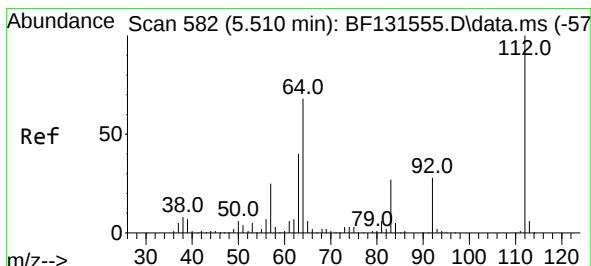
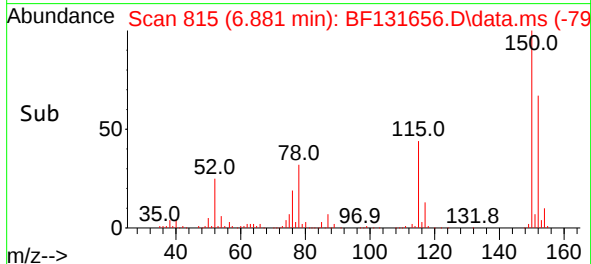
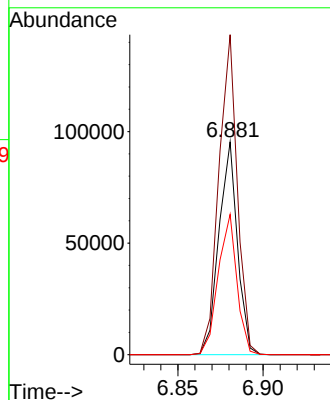
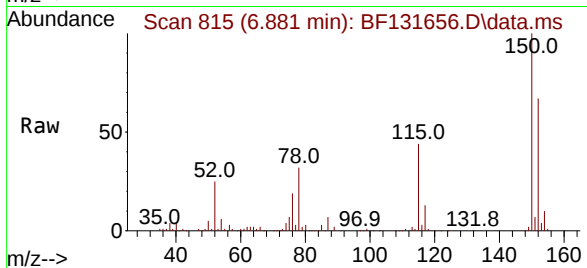




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF131656.D
 Acq: 15 Dec 2022 18:57

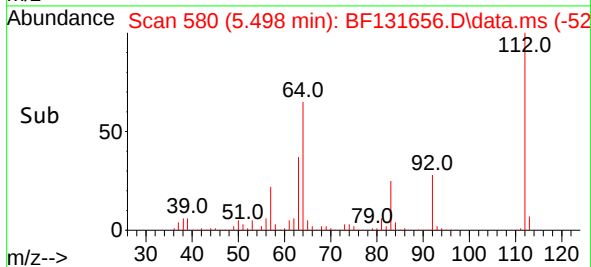
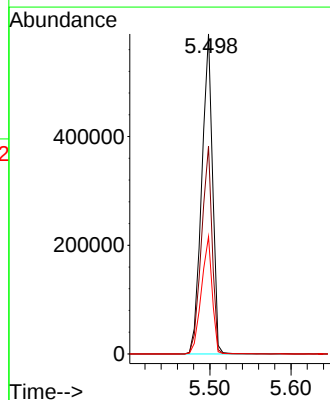
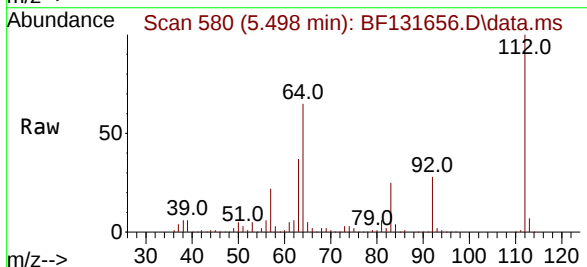
Instrument :
 BNA_F
 ClientSampleId :
 RB-33-(2-4)

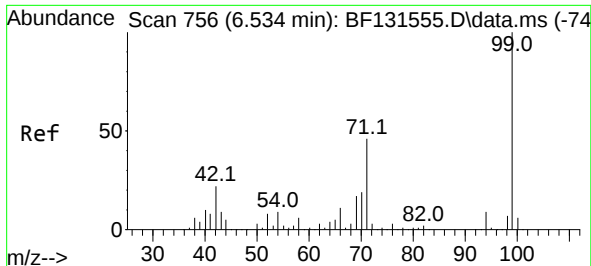
Tgt Ion:152 Resp: 72168
 Ion Ratio Lower Upper
 152 100
 150 150.3 116.7 175.1
 115 66.0 54.6 82.0



#5
 2-Fluorophenol
 Concen: 126.586 ng
 RT: 5.498 min Scan# 580
 Delta R.T. 0.006 min
 Lab File: BF131656.D
 Acq: 15 Dec 2022 18:57

Tgt Ion:112 Resp: 547594
 Ion Ratio Lower Upper
 112 100
 64 65.0 54.5 81.7
 63 36.6 31.9 47.9

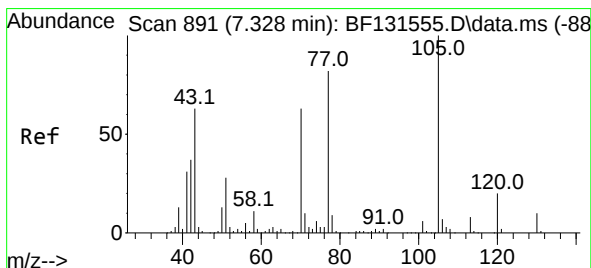
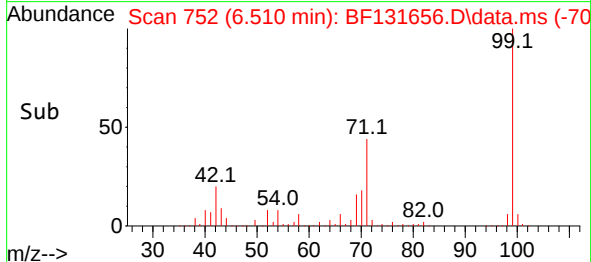
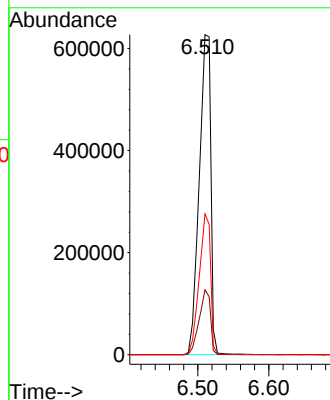
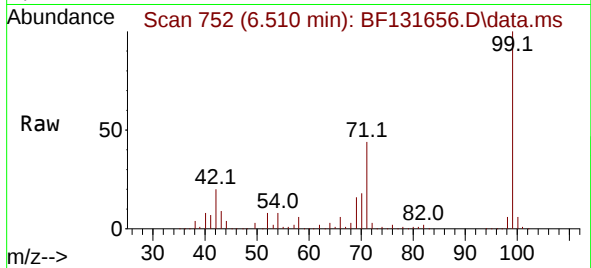




#7
Phenol-d6
Concen: 125.926 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

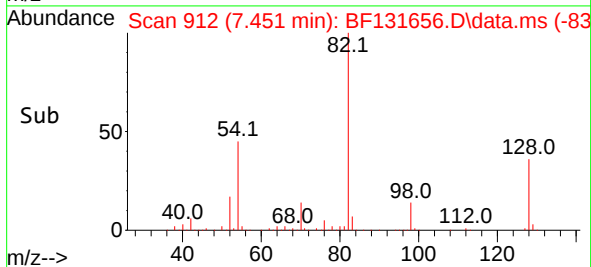
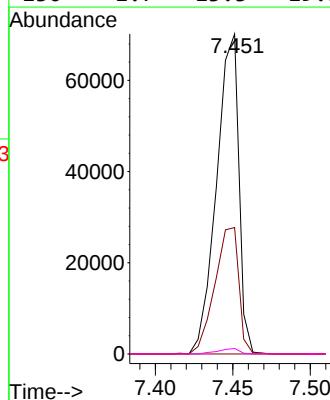
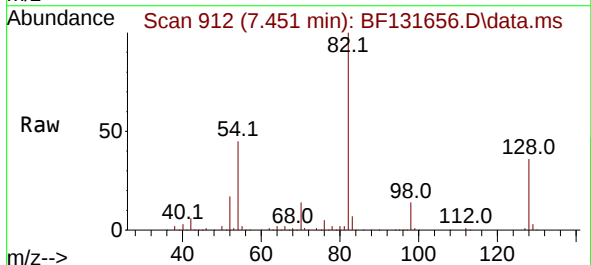
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

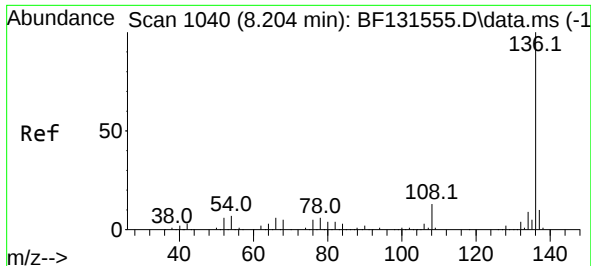
Tgt Ion: 99 Resp: 713843
Ion Ratio Lower Upper
99 100
42 20.3 17.9 26.9
71 44.0 37.2 55.8



#19
n-Nitroso-di-n-propylamine
Concen: 16.484 ng
RT: 7.451 min Scan# 912
Delta R.T. 0.153 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Tgt Ion: 70 Resp: 70069
Ion Ratio Lower Upper
70 100
42 39.5 46.4 69.6#
101 0.0 7.2 10.8#
130 1.7 13.3 19.9#

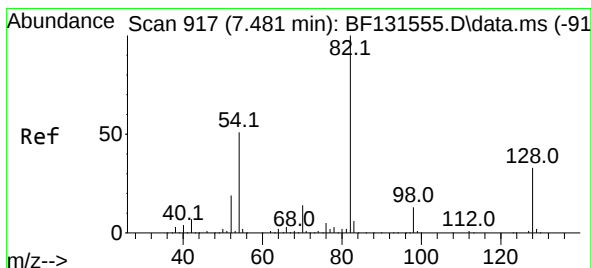
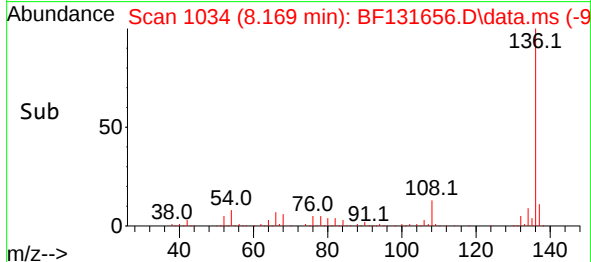
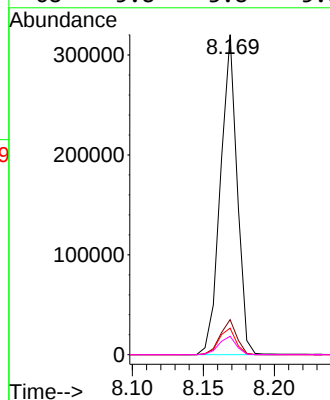
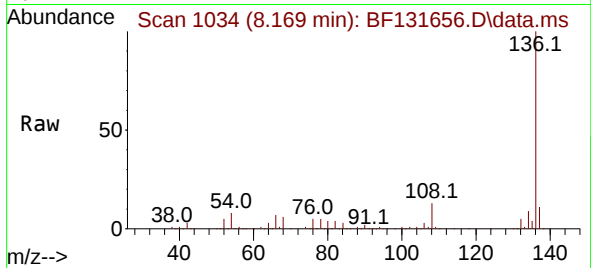




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1040
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

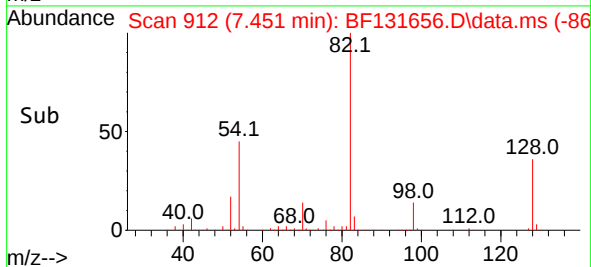
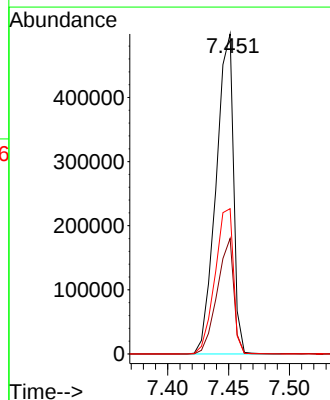
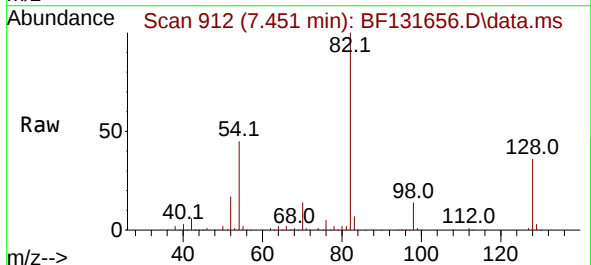
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

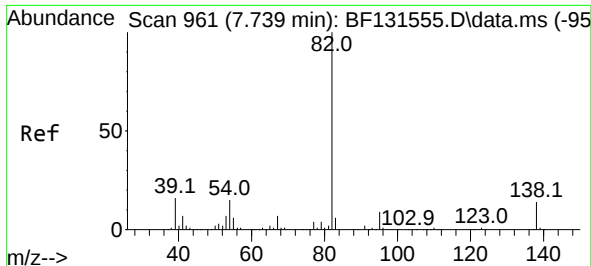
Tgt Ion:136	Resp:	260540	
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.1	12.1
54	8.3	6.0	9.0
68	5.8	3.8	5.8



#23
Nitrobenzene-d5
Concen: 72.219 ng
RT: 7.451 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Tgt Ion: 82	Resp: 497684
Ion Ratio	Lower Upper
82 100	
128 36.1	26.1 39.1
54 45.4	40.6 60.8

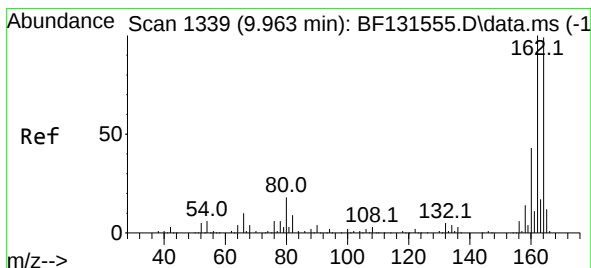
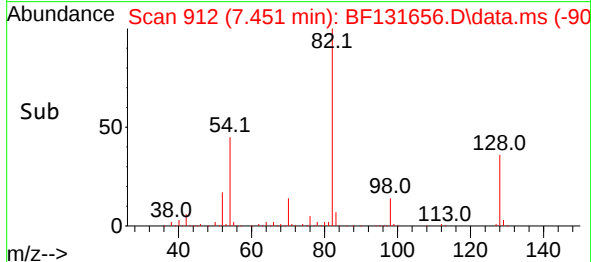
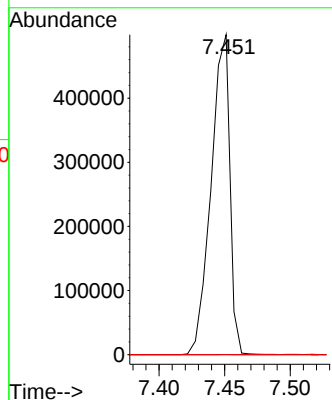
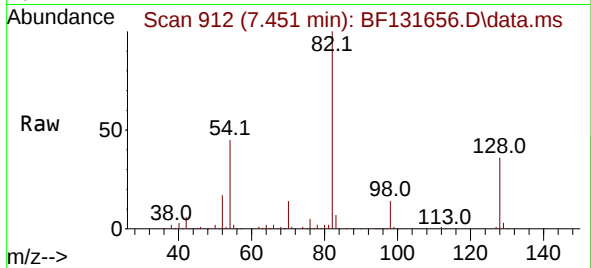




#25
Isophorone
Concen: 44.835 ng
RT: 7.451 min Scan# 91
Delta R.T. -0.259 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

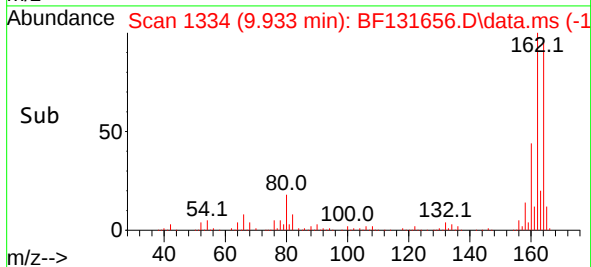
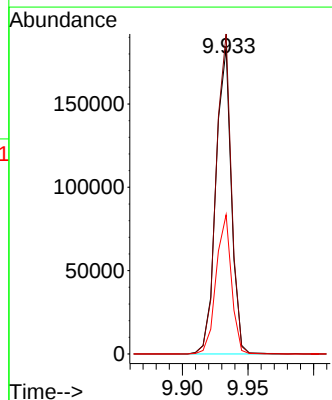
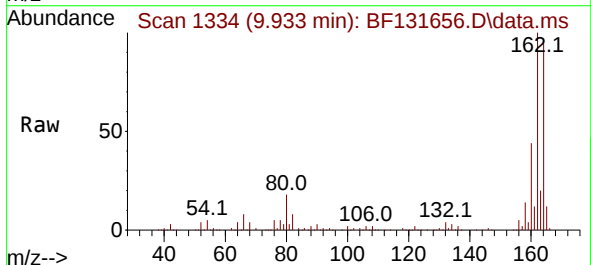
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

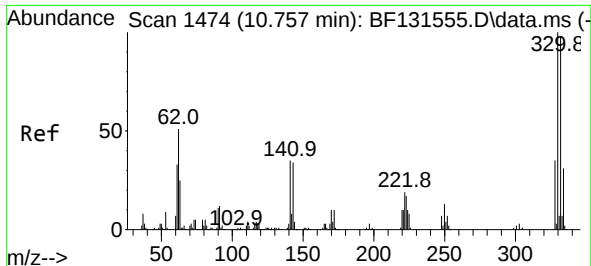
Tgt Ion: 82 Resp: 497677
Ion Ratio Lower Upper
82 100
95 0.0 6.9 10.3#
138 0.0 11.4 17.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Tgt Ion:164 Resp: 150755
Ion Ratio Lower Upper
164 100
162 104.6 81.0 121.6
160 45.5 35.0 52.6





#42

2,4,6-Tribromophenol

Concen: 115.987 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.006 min

Lab File: BF131656.D

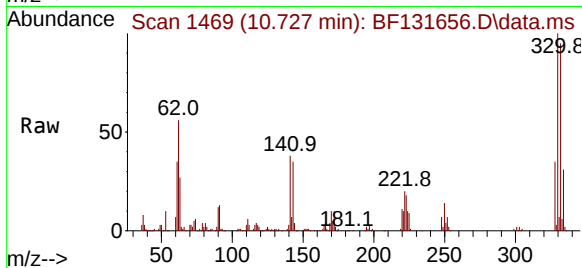
Acq: 15 Dec 2022 18:57

Instrument :

BNA_F

ClientSampleId :

RB-33-(2-4)



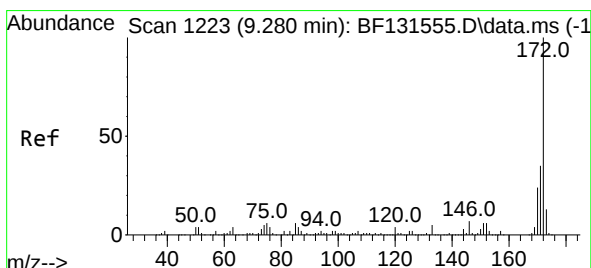
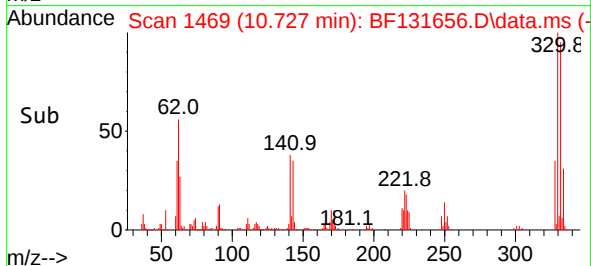
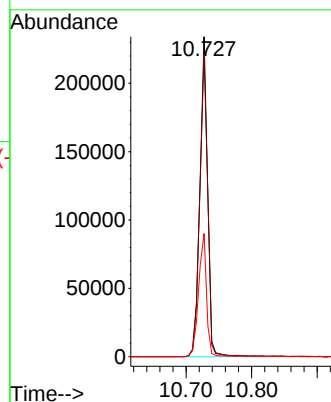
Tgt Ion:330 Resp: 194270

Ion Ratio Lower Upper

330 100

332 96.3 78.3 117.5

141 39.4 32.6 49.0



#45

2-Fluorobiphenyl

Concen: 64.994 ng

RT: 9.251 min Scan# 1218

Delta R.T. -0.000 min

Lab File: BF131656.D

Acq: 15 Dec 2022 18:57

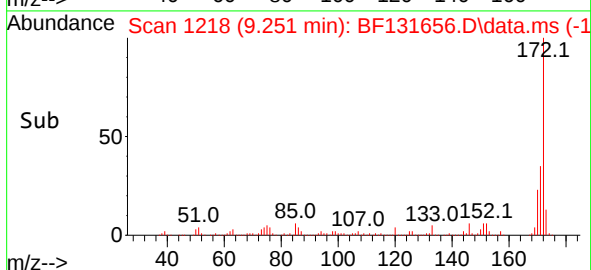
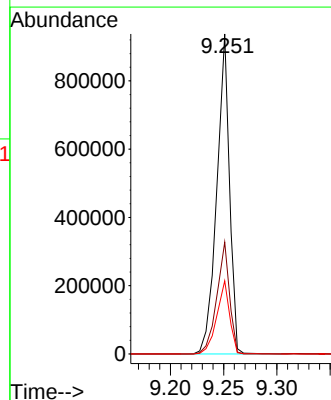
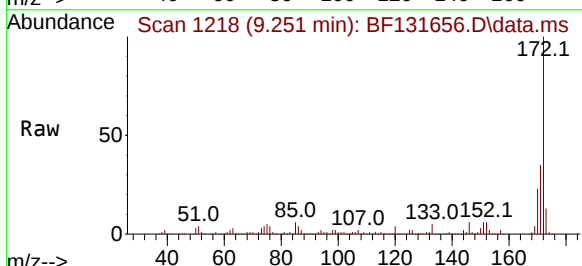
Tgt Ion:172 Resp: 777098

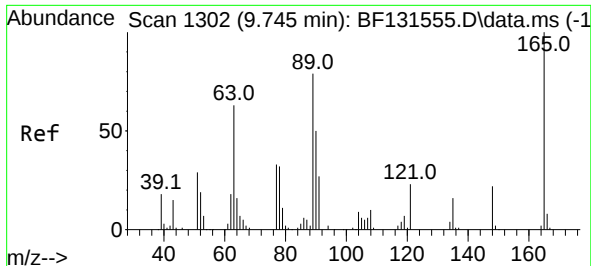
Ion Ratio Lower Upper

172 100

171 35.0 28.3 42.5

170 22.8 19.3 28.9





#51

2,6-Dinitrotoluene

Concen: 8.201 ng

RT: 9.933 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF131656.D

Acq: 15 Dec 2022 18:57

Instrument :

BNA_F

ClientSampleId :

RB-33-(2-4)

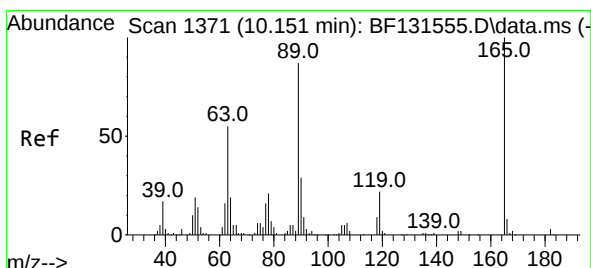
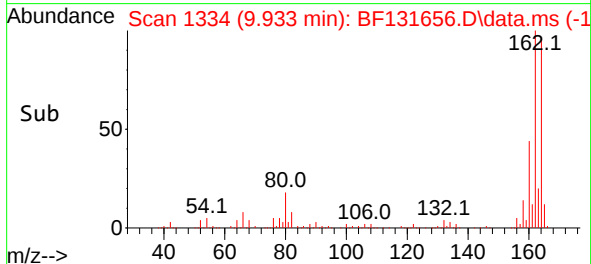
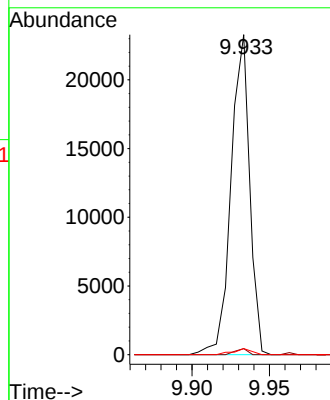
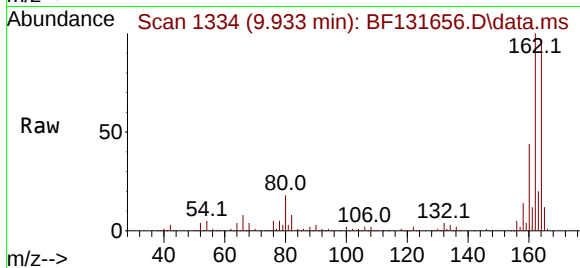
Tgt Ion:165 Resp: 19457

Ion Ratio Lower Upper

165 100

63 1.9 67.9 101.9#

89 1.9 63.2 94.8#



#57

2,4-Dinitrotoluene

Concen: 6.182 ng

RT: 9.933 min Scan# 1334

Delta R.T. -0.194 min

Lab File: BF131656.D

Acq: 15 Dec 2022 18:57

Tgt Ion:165 Resp: 19457

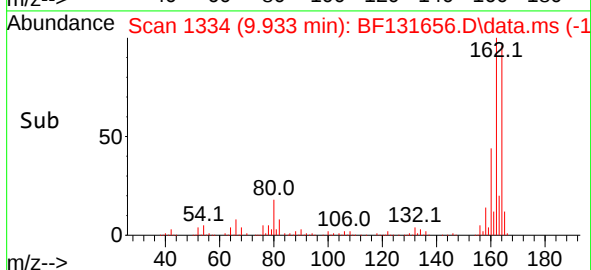
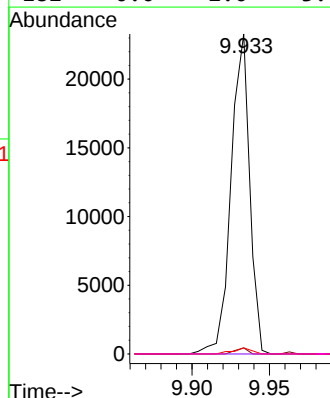
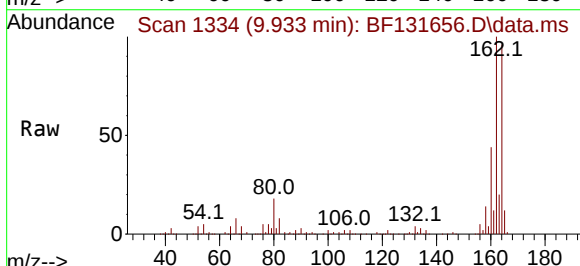
Ion Ratio Lower Upper

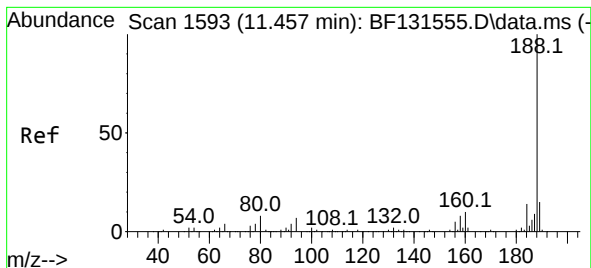
165 100

63 1.9 44.4 66.6#

89 1.9 69.6 104.4#

182 0.0 2.0 3.0#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF131656.D

Acq: 15 Dec 2022 18:57

Instrument :

BNA_F

ClientSampleId :

RB-33-(2-4)

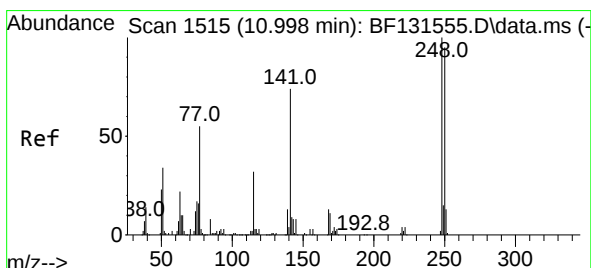
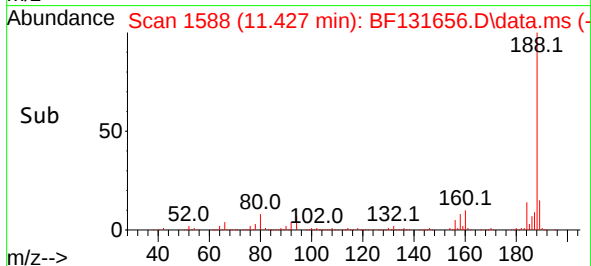
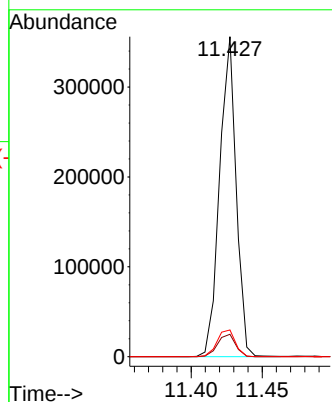
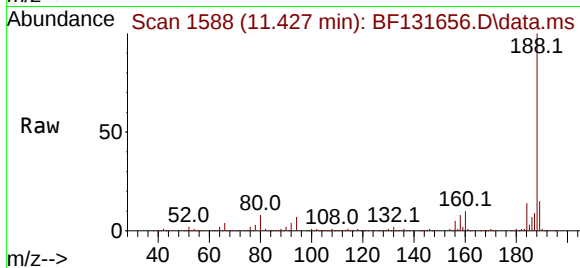
Tgt Ion:188 Resp: 288336

Ion Ratio Lower Upper

188 100

94 7.0 5.5 8.3

80 8.4 6.6 10.0



#67

4-Bromophenyl-phenylether

Concen: 3.466 ng

RT: 10.727 min Scan# 1469

Delta R.T. -0.241 min

Lab File: BF131656.D

Acq: 15 Dec 2022 18:57

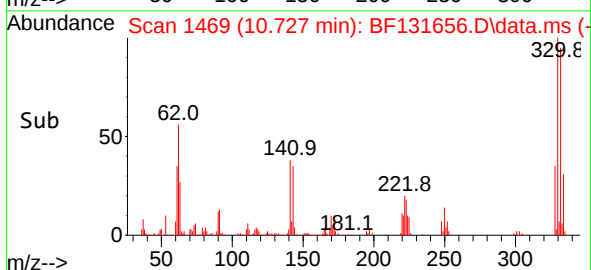
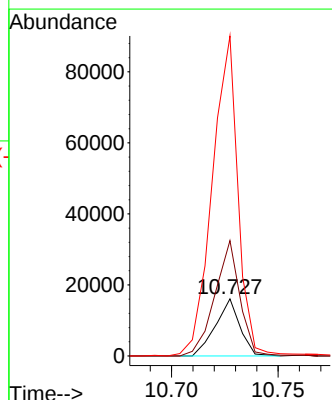
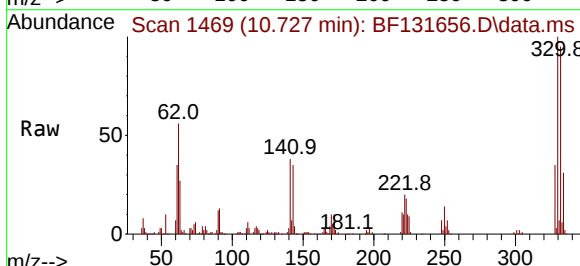
Tgt Ion:248 Resp: 12855

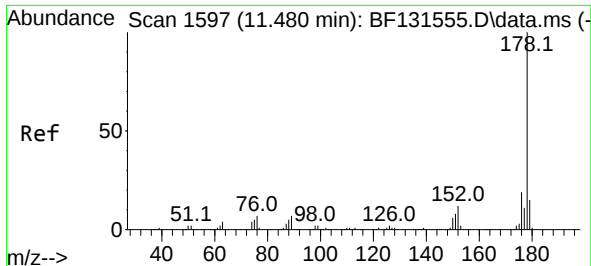
Ion Ratio Lower Upper

248 100

250 201.7 76.2 114.2#

141 559.8 59.5 89.3#

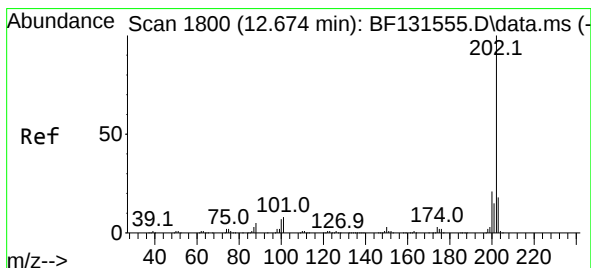
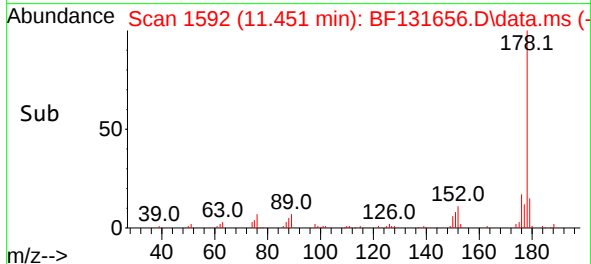
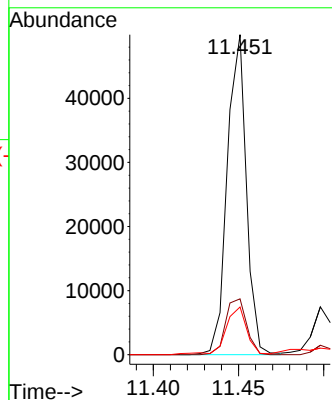
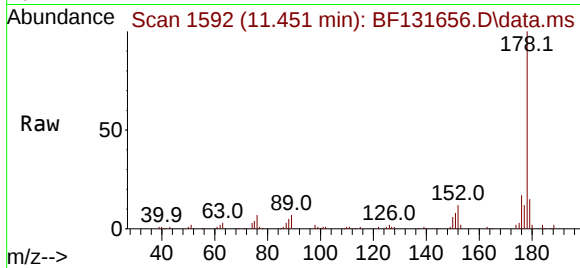




#71
Phenanthrene
Concen: 2.423 ng
RT: 11.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

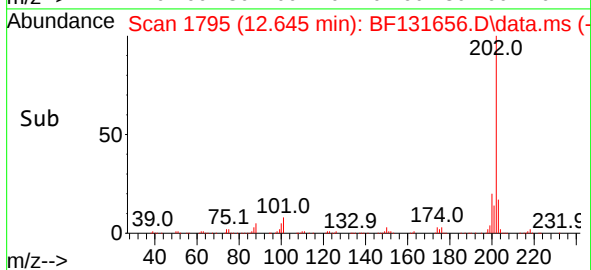
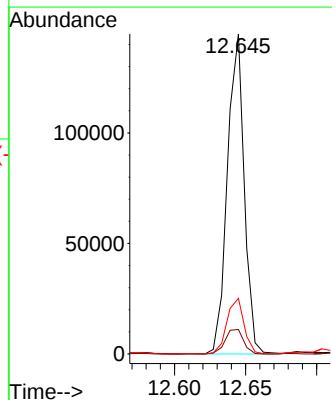
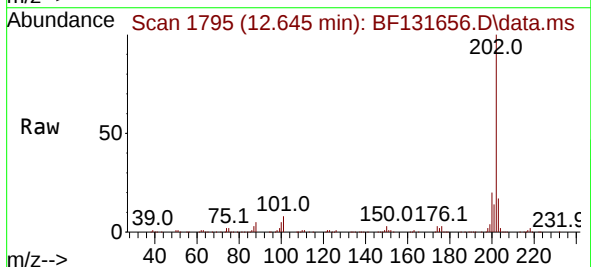
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

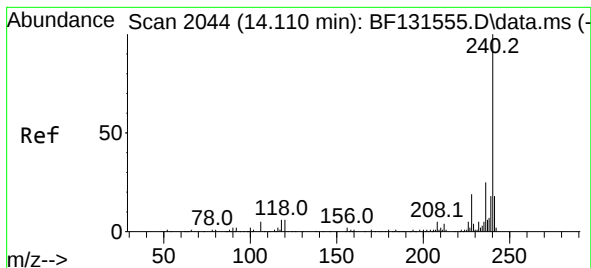
Tgt Ion:178 Resp: 38937
Ion Ratio Lower Upper
178 100
176 17.5 15.4 23.0
179 14.9 12.2 18.4



#75
Fluoranthene
Concen: 7.229 ng
RT: 12.645 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Tgt Ion:202 Resp: 119639
Ion Ratio Lower Upper
202 100
101 7.7 0.0 27.7
203 17.4 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2044

Delta R.T. -0.000 min

Lab File: BF131656.D

Acq: 15 Dec 2022 18:57

Instrument :

BNA_F

ClientSampleId :

RB-33-(2-4)

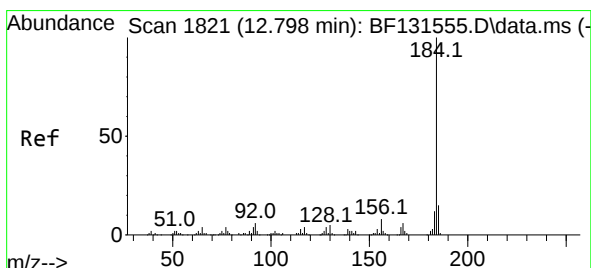
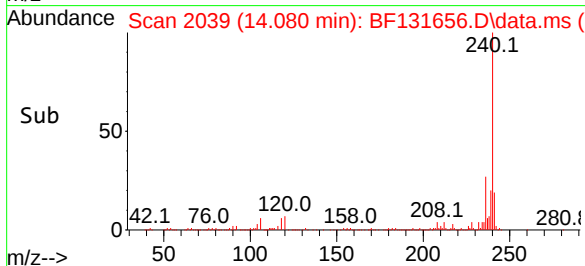
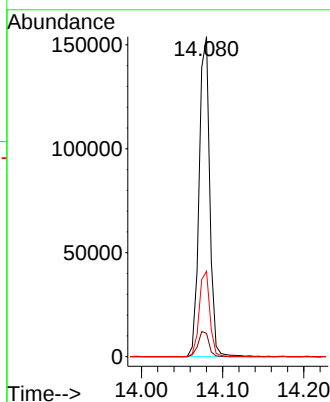
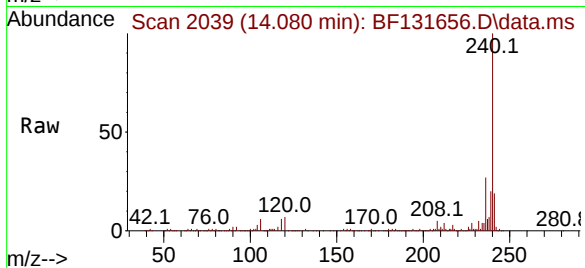
Tgt Ion:240 Resp: 139686

Ion Ratio Lower Upper

240 100

120 7.3 4.6 7.0#

236 26.7 20.2 30.2



#77

Benzidine

Concen: 3.009 ng

RT: 13.021 min Scan# 1859

Delta R.T. 0.247 min

Lab File: BF131656.D

Acq: 15 Dec 2022 18:57

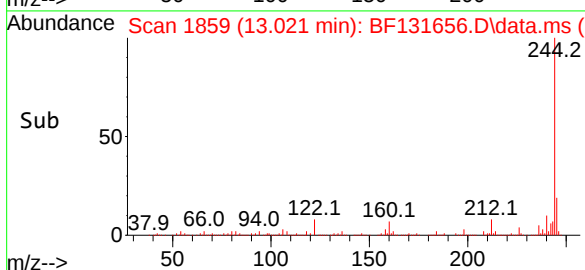
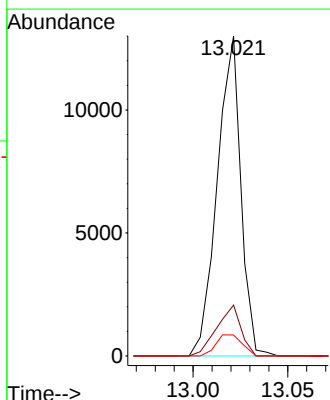
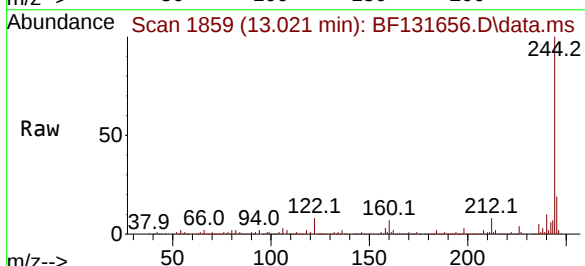
Tgt Ion:184 Resp: 11262

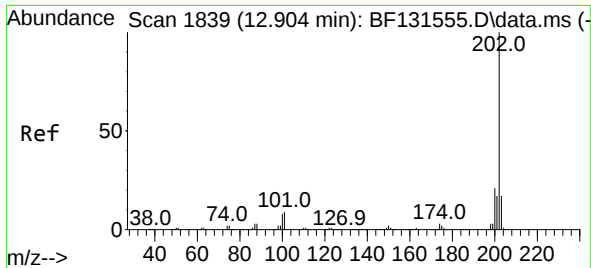
Ion Ratio Lower Upper

184 100

185 15.9 12.2 18.2

183 6.5 9.3 13.9#

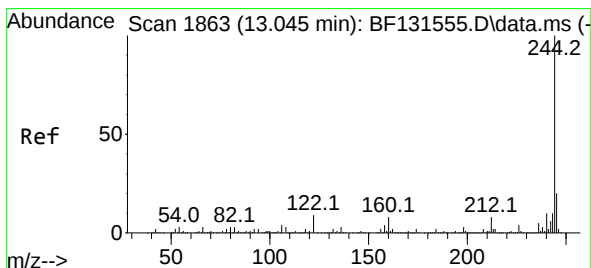
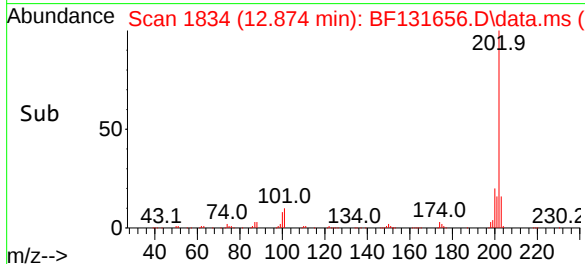
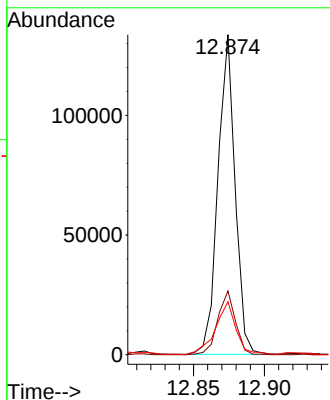
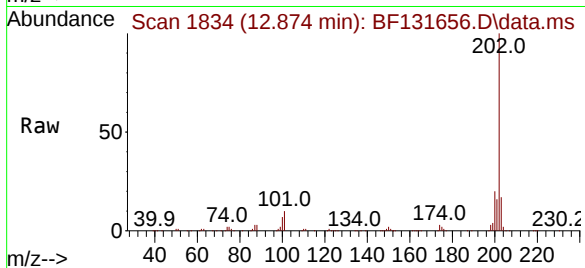




#78
Pyrene
Concen: 8.139 ng
RT: 12.874 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

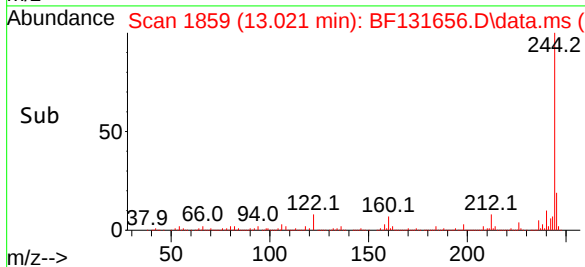
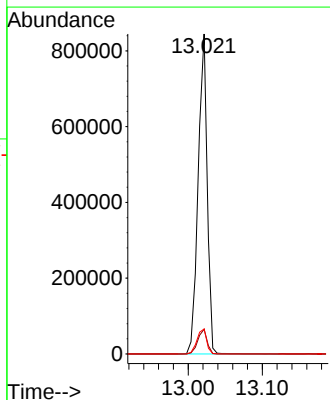
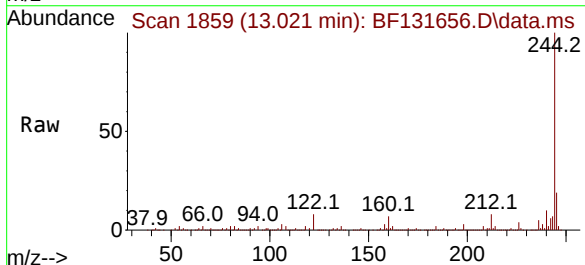
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

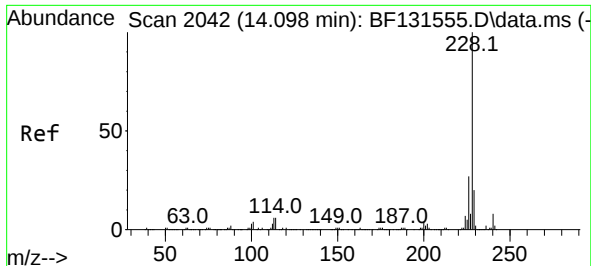
Tgt Ion:202 Resp: 112109
Ion Ratio Lower Upper
202 100
200 19.9 16.7 25.1
203 16.6 13.8 20.6



#79
Terphenyl-d14
Concen: 69.984 ng
RT: 13.021 min Scan# 1859
Delta R.T. -0.000 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Tgt Ion:244 Resp: 712831
Ion Ratio Lower Upper
244 100
212 7.7 6.5 9.7
122 7.8 7.1 10.7

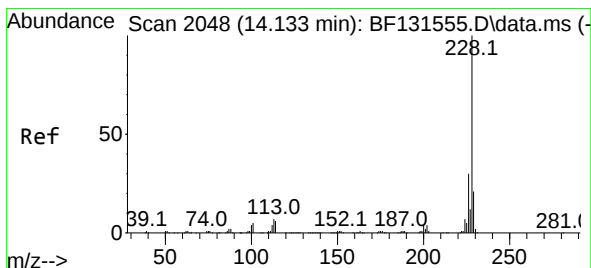
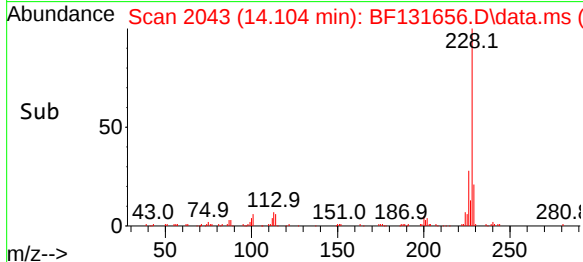
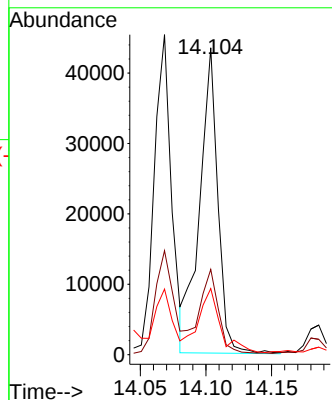
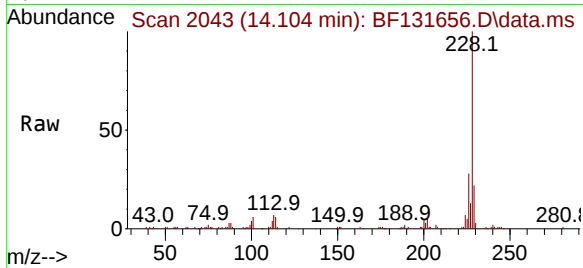




#81
Benzo(a)anthracene
Concen: 4.184 ng
RT: 14.104 min Scan# 2043
Delta R.T. 0.035 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

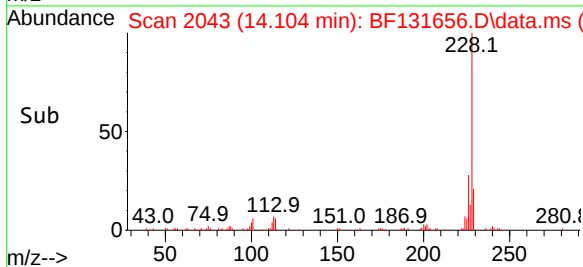
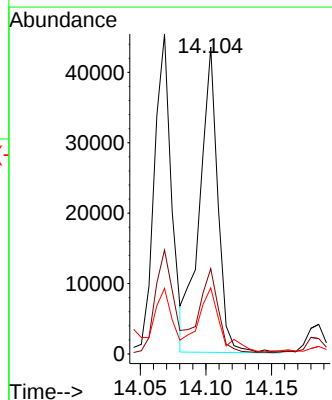
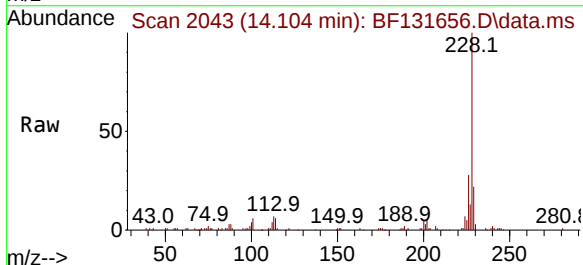
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

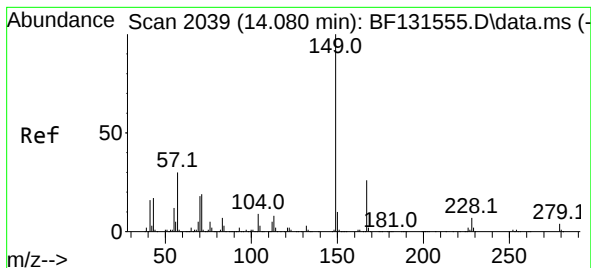
Tgt Ion:228 Resp: 42203
Ion Ratio Lower Upper
228 100
226 27.8 21.5 32.3
229 21.5 15.8 23.6



#83
Chrysene
Concen: 4.401 ng
RT: 14.104 min Scan# 2043
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Tgt Ion:228 Resp: 42203
Ion Ratio Lower Upper
228 100
226 27.8 23.9 35.9
229 21.5 16.7 25.1

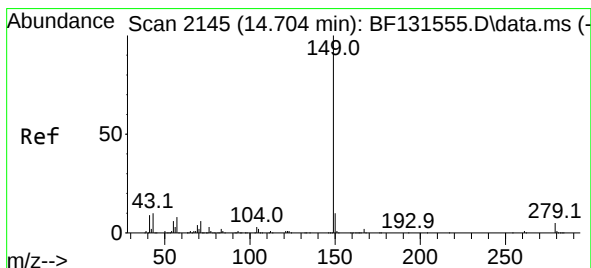
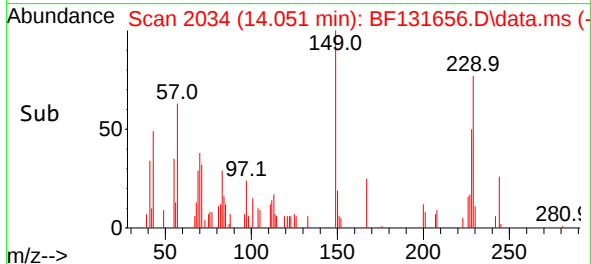
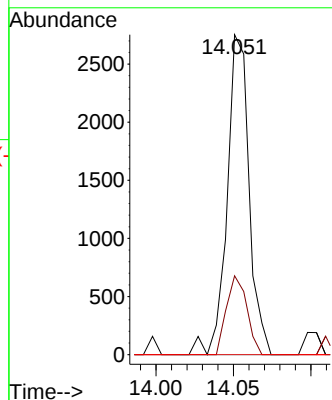
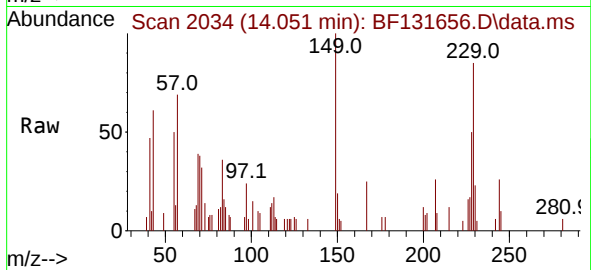




#84
Bis(2-ethylhexyl)phthalate
Concen: 3.500 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

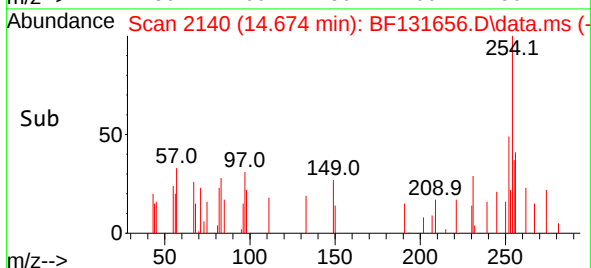
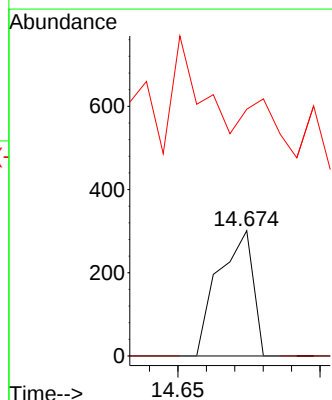
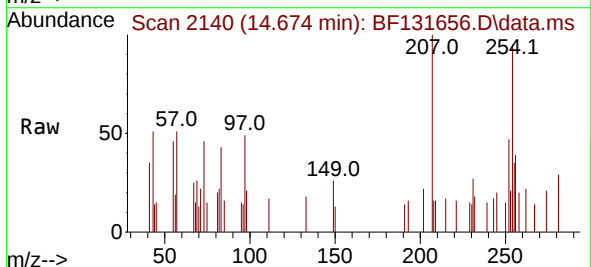
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

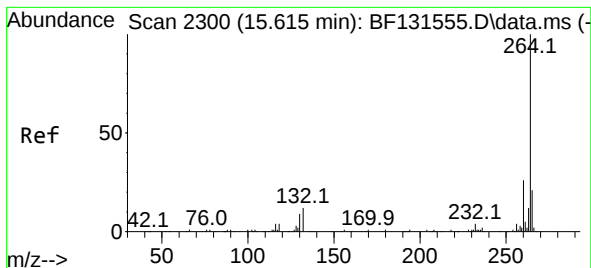
Tgt Ion:149 Resp: 2714
Ion Ratio Lower Upper
149 100
167 24.7 20.8 31.2
279 0.0 3.3 4.9#



#85
Di-n-octyl phthalate
Concen: 5.244 ng
RT: 14.674 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Tgt Ion:149 Resp: 255
Ion Ratio Lower Upper
149 100
167 0.0 1.2 1.8#
43 0.0 8.6 13.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.580 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131656.D

Acq: 15 Dec 2022 18:57

Instrument :

BNA_F

ClientSampleId :

RB-33-(2-4)

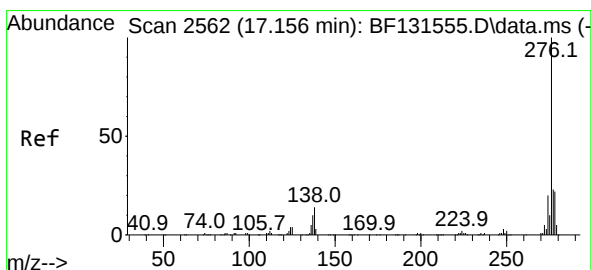
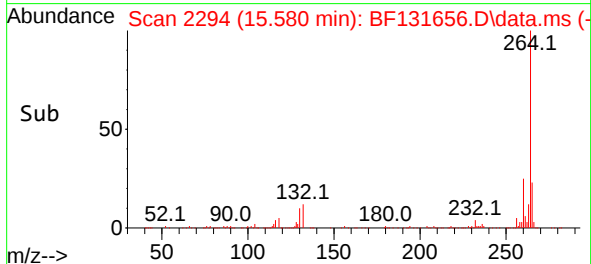
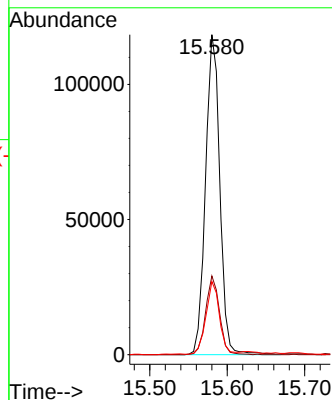
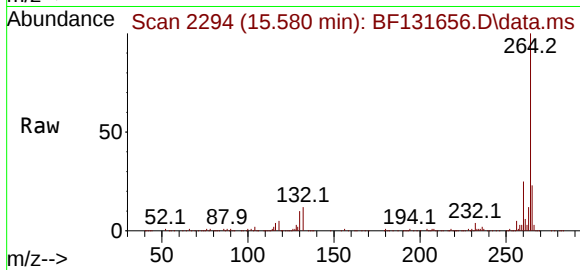
Tgt Ion:264 Resp: 151625

Ion Ratio Lower Upper

264 100

260 24.6 20.6 30.8

265 22.9 16.8 25.2



#87

Indeno(1,2,3-cd)pyrene

Concen: 2.369 ng

RT: 17.092 min Scan# 2551

Delta R.T. -0.018 min

Lab File: BF131656.D

Acq: 15 Dec 2022 18:57

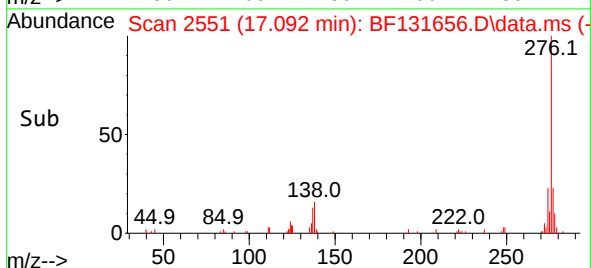
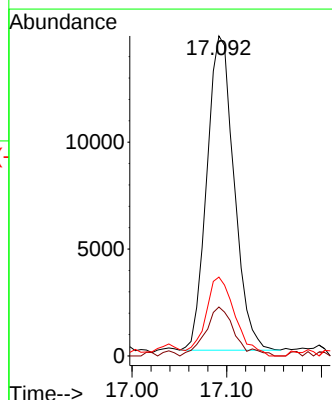
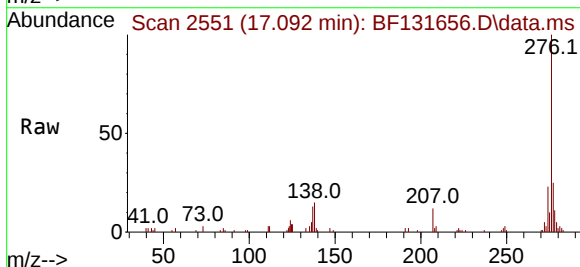
Tgt Ion:276 Resp: 29313

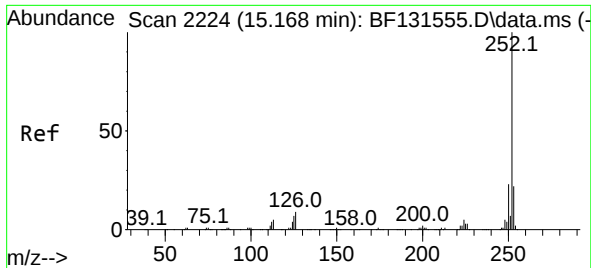
Ion Ratio Lower Upper

276 100

138 16.6 12.7 19.1

277 26.9 20.0 30.0

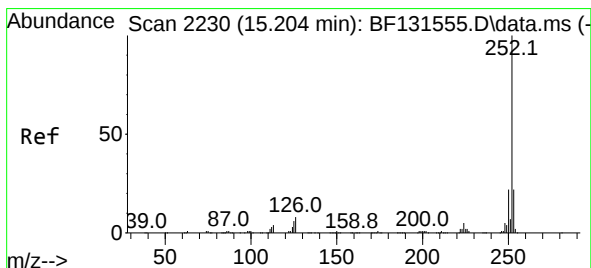
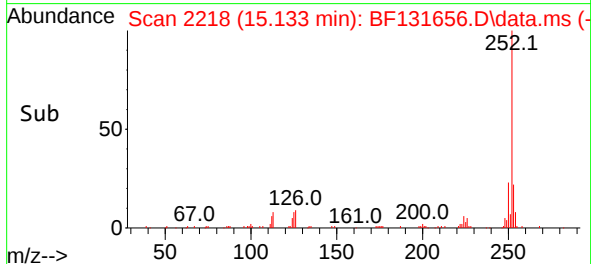
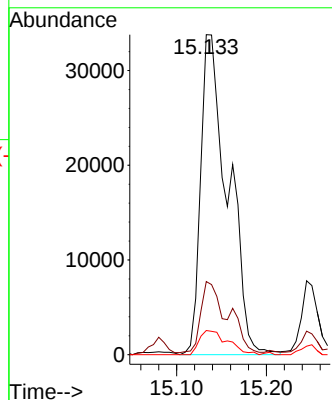
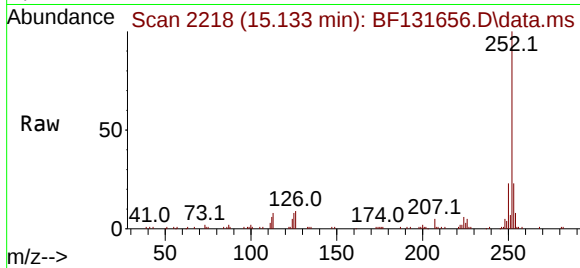




#88
Benzo(b)fluoranthene
Concen: 7.167 ng
RT: 15.133 min Scan# 2118
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

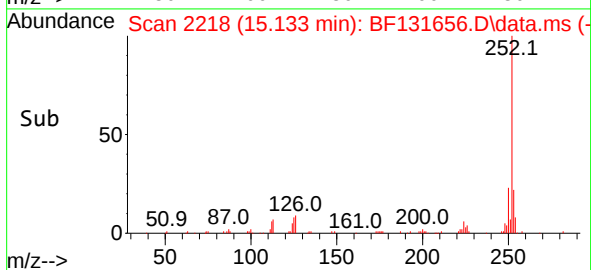
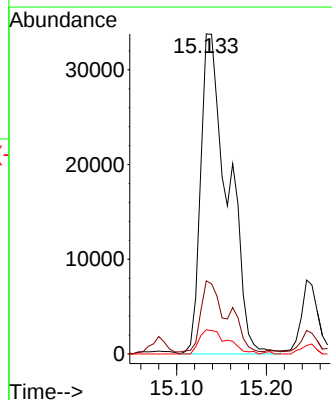
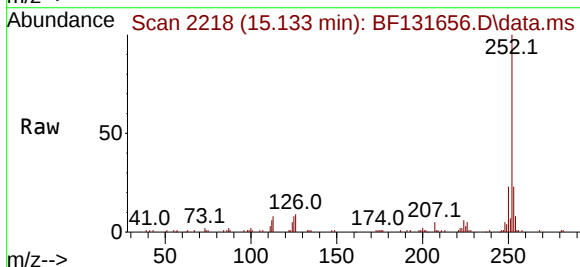
Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

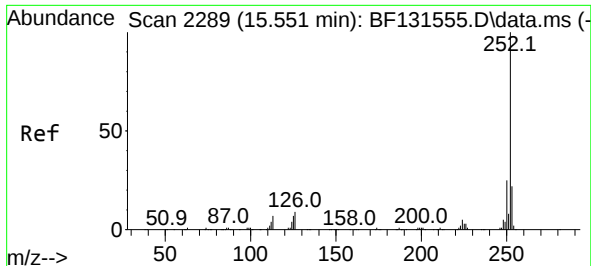
Tgt Ion:252 Resp: 71619
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 7.6 5.6 8.4



#89
Benzo(k)fluoranthene
Concen: 6.866 ng
RT: 15.133 min Scan# 2218
Delta R.T. -0.035 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Tgt Ion:252 Resp: 71619
Ion Ratio Lower Upper
252 100
253 22.9 17.7 26.5
125 7.6 4.9 7.3#

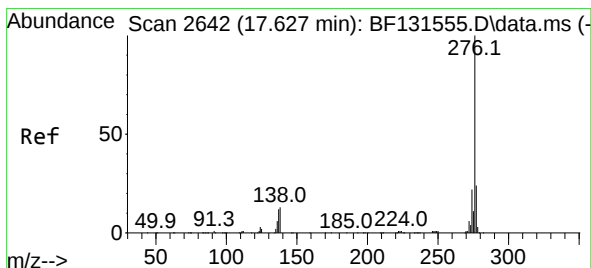
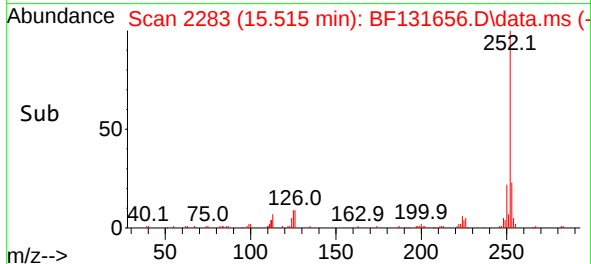
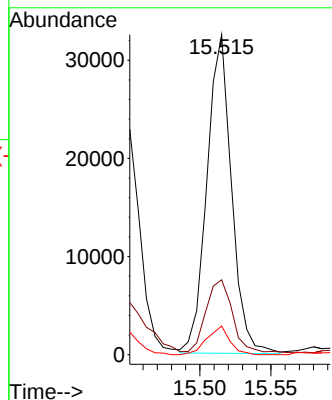
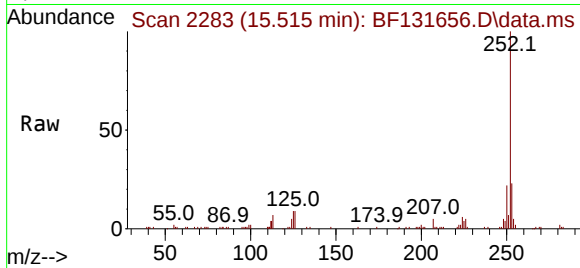




#90
Benzo(a)pyrene
Concen: 4.588 ng
RT: 15.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Instrument :
BNA_F
ClientSampleId :
RB-33-(2-4)

Tgt Ion:252 Resp: 39131
Ion Ratio Lower Upper
252 100
253 23.4 17.5 26.3
125 8.9 5.6 8.4#



#92
Benzo(g,h,i)perylene
Concen: 2.965 ng
RT: 17.550 min Scan# 2629
Delta R.T. -0.024 min
Lab File: BF131656.D
Acq: 15 Dec 2022 18:57

Tgt Ion:276 Resp: 30352
Ion Ratio Lower Upper
276 100
277 25.2 19.0 28.6
138 15.6 10.7 16.1

